Event

MPTS IJET
FRM 4201
T-45

Mission

BASIC FORMATION SOLO
1.4 HOURS/X

ORM

FRM 4201

- **OPERATIONAL REQUIREMENTS / LIMITATIONS**
  - **CREW REST/ CREW DAY / WORK WEEK**
  - **WARM-UP ELIGIBILITY**
  - **PREVIOUS FLIGHT COMPLETE?**
  - **IP CURRENCY**
  - **READ AND INITIAL**

- **HUMAN FACTORS**
  - **LIFE STRESSORS / EXTERNAL FACTORS/ PERSONAL PROBLEMS**
  - **MEDICAL STATUS**
    - **CREW DAY**
    - **CREW REST**
    - **NOURISHMENT**
    - **HYDRATION**

- **HAZARDS AND CONTROLS**
  - **ROUTINE**
  - **WEATHER**
    - **CURRENT OBSERVATIONS AND FORECASTS**
    - **CROSSWINDS**
    - **FUEL CONSIDERATIONS**

TTO

FRM 4201

- **WHO WILL CALL A TTO?**

- **WHAT SITUATIONS WILL THE TTO BE CALLED?**
  - **SAFETY**
  - **CONFUSION**
  - **MISUNDERSTANDING**

- **IP RESPONSIBILITIES**
  - **RECOGNIZE THE NEED FOR A TTO**
  - **EXPLANATION / INSTRUCTION AS NECESSARY**
  - **DOCUMENTATION ON ATF**

- **WHEN AND HOW WILL TRAINING RESUME?**

SSR/DISCUSS ITEMS

FRM 4201

- **SPECIAL SYLLABUS REQUIRMENTS:**
  - **NONE**

- **PREREQUISITES:**
  - **FRM 4106**
  - **FRM 2101**

- **DISCUSS ITEMS:**

  FRM 4201
  - **NATOPS/SOP/EP QOD**

SYLLABUS NOTES

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A. ALL MANEUVERS EXCEPT LANDING WILL BE GRADED BY THE FLIGHT LEAD.

B. RUNNING REDEZVOUS MAY BE PERFORMED AT ALTITUDE.

C. BREAKUP AND RENDEZVOUS - 6 DESIRED.

ADMIN (CARD)

FRM 4201

- **A/C – ATC C/S – CREW**
- **BRIEF / WALK / TAKEOFF / LAND TIMES**
- **ATC CLEARANCE / DD-175**
- **FUEL PLAN/LADDER**
- **LINE / T/O / ABORT / RPM**
- **COMM PLAN**
- **NAV PLAN**

ADMIN

FRM 4201

- **LAUNCH**
  - **WEATHER / NOTAMS / TFR / BASH**
  - **PREFLIGHT / START / TAXI**
  - **ENROUTE PROCEDURES**
  - **RADALT USAGE**

- **RTB**
  - **RECOVERY**
  - **DIVERTS**

CONDUCT

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- **TIMS RESUME REVIEW**
- **PRACTICE:**
  - **CHECKLISTS/COMM/GROUND OPS**
  - **INDIVIDUAL T/O/INTERVAL T/O/FLIGHT ADMIN**
  - **DESCENT/FIELD ENTRY**
  - **PARADE**
  - **TURNS/ECHELON**
  - **CROSSUNDER**
  - **LEAD CHANGE**
  - **TACAN RENDEZVOUS**
  - **BREAKUP AND RENDEZVOUS (6 DESIRED)**
  - **UNDERRUN**
  - **RUNNING RENDEZVOUS**
  - **SECTIONAPPROACH/MAP AS WING**
  - **SECTION BREAK**
  - **PRECAUTIONARY APPROACH**
  - **VFR LANDING PATTERN**
  - **LANDING/TOUCH-AND-GO**

FRM 4201

BLOCK MIF

CTS REF	MANEUVER	FRM4201
1	General Knowledge/Procedures	4+
2	Emergency Procedures	3+
3	Headwork/Situational Awareness	3+
4	Basic Airwork	4+
5	Mission Planning/Briefing/ Debriefing	4+
6	Communications	3+
7	Ground Operations	4+
8	Flight Admin	1+
30 10	Individual/Interval Takeoff	4+
13	Descent/Field Entry	4
32	Parade	3+
32	Turns/Echelon	3+
32	Crossunder	3+
32	Lead Change	3+
32	TACAN Rendezvous	3+
32	Breakup and Rendezvous	3+
32	Underrun	3
32	Running Rendezvous	3+
33	Section Approach/Missed Approach as Wing	3
32	Section Break	3
21	Precautionary Approach	1
22	VFR Landing Pattern	1+
23	Landing/Touch-and-Go	1+

Emergencies

FRM 4201

- **AIRCRAFT FALLOUT**
- **CLEAR ENGINE PROCEDURE**
- **ABORTED TAKEOFF**
- **RWY DEP / LOSS OF DIRECTIONAL CONTROL**
- **SYSTEM FAILURES/ EPs / CRM**
- **BIRD STRIKE/ MIDAIR**
- **RADIO/ ICS FAILURE**
- **LOSS OF NAVAIDS / LOST PLANE**
- **INADVERTENT IMC / LOST SIGHT / LCLS**
- **DISORIENTATION / VERTIGO**
- **HYPOXIA**
- **EJECTION (HIGH / LOW / GROUND)**
- **SAR / ON SCENE COMMANDER**
- **DIVERT(S) / BINGO FUEL TO DIVERT**
- **UNDERRUN**